Section 3 – For Developers

1. Who is this software for?

This software is not specifically designed for end users, though it can be used by them. It is intended for developers aiming to solve one of the most pressing challenges in today's market: building software that reads internal documents without context limitations, errors, or hallucinations.

This solution not only addresses that challenge but does so **without the need for RAG training**, **without embeddings**, and at **minimal cost**.

The software is also prepared for developers to demonstrate the system's functionality to potential clients or employers.

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2. Solving the context limitation problem in A.I.

These capabilities are made possible through the **Concept Curve paradigm**, an idea developed by Daniel Bistman.

What is the Concept Curve?

This paradigm proposes that an idea, document, or body of knowledge cannot be effectively represented by a single multidimensional vector (embedding). Doing so would lose meaning by compressing complex knowledge into a single point.

Instead, a chunk, idea, story, or document is made up of interconnected concepts, forming a shape:

- **Open shapes** for sequential knowledge (like a story)
- **Closed shapes** for structured knowledge (like engineering)

This concept offers a definitive solution to the problem of "context memory loss" and enables the development of next-gen A.I. with virtually unlimited memory

This is not just a theoretical claim—it is empirically validated by this software and demonstrated in various reproducible experiments on our YouTube channel:

Link ----> https://www.youtube.com/@Agente_Concept_Curve

To learn more about this paradigm, you can also chat with the CC Agent, a GPT agent created to explain it: https://tinyurl.com/agent-cc

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3. Smart-Functions – The Future of Software

What are Smart-Functions?

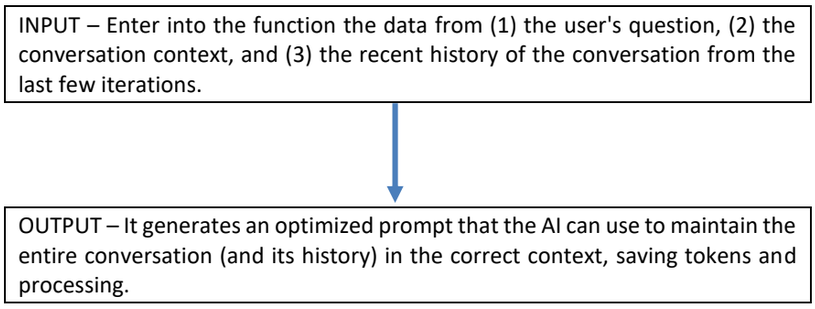
According to Daniel Bistman: Smart-Functions are functions that require Artificial Intelligence to execute. They can perform tasks no traditional function could achieve.

How are Smart-Functions different from OpenAI's Function-Calling?

Unlike OpenAI's Function-Calling, Smart-Functions are independent of the AI provider and can be executed on any LLM, whether large or small, online or offline, regardless of current or future technology. Additionally, they can run on models that do not support Function-Calling-type services.

A basic example from the code:

```
async function polishQuestion(originalQuery, allowedContext, history)
```



This code contains several Smart-Functions that make the algorithm work. Another one of these intelligent functions is:

```
async function identifyFiles(polishedQuery, documentIndex, maxChunks)
```

This algorithm allows the AI to, given the refined question and the document index, select the most relevant chunks based on the **Concept Curve paradigm**, returning them ranked by likelihood of relevance.

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4. What do you get when you acquire this source code?

This free and publicly accessible preliminary document, along with the videos available on the YouTube channel (mentioned earlier) and conversations with the CC Agent, already provide enough information for novel developments. However...

Those who acquire this source code will gain access to the secrets that make possible an AI with unlimited memory, enabling the development of one of the most in-demand tools in today's market: reading internal documents.

Concept Curve + CC Embeddings Indexation + Smart-Functions are the future of Artificial Intelligence.

Why?

- RAG and embeddings are inefficient: they require large amounts of computational resources that quickly become obsolete.
- Any change in the document or the AI invalidates embeddings and RAG, requiring costly retraining.

In contrast, the Concept Curve Embeddings Indexation allows internal documents to be processed without limitations, eliminating the need for constant retraining.

That’s all for the preliminary document. Those who acquire this source code will also receive the full documentation of the code. That’s where the real secret lies.

Warm regards from Argentina,

Daniel Bistman.